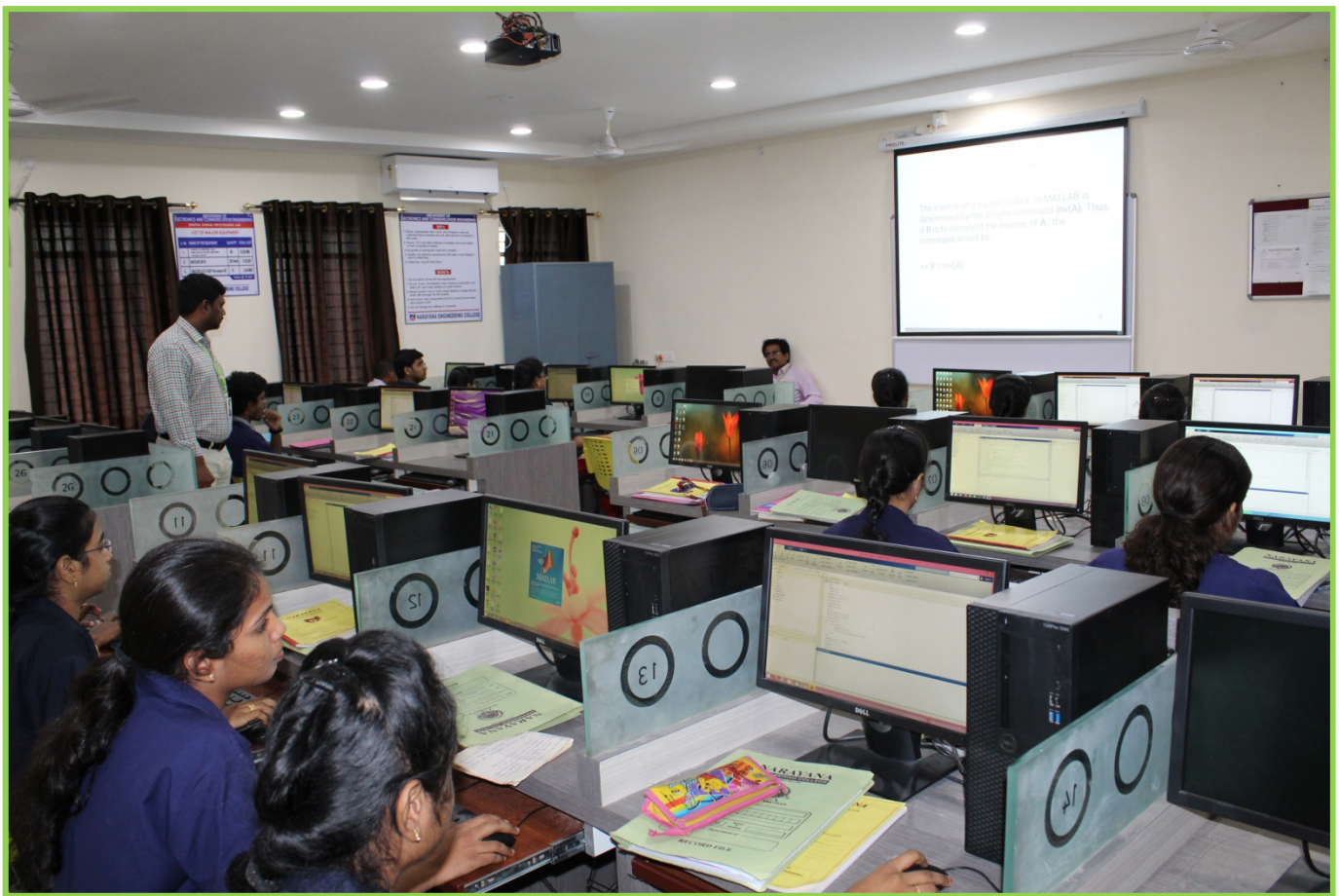


# DIGITAL SIGNAL PROCESSING LABORATORY

In the Digital Signal Processing Lab students are given the practical exposure of all the theoretical concepts they learn in the classroom. Beginning with the generation of standard signals, the students move on to perform convolution and Discrete Fourier Transform (DFT). With this basic understanding they have the ability to further explore the advanced experiments. Different types of filters are also designed and implemented by the students. The students can implement digital signal processing algorithms using different computational platforms and DSP tools. They can critically analyze the behavior of their implementation and observe the specific limitations inherent to the computational platform and tools. The laboratory combines both hardware and software facilities.



## Hardware Facilities:

- Personal Computers - 30 No's
- DSP Kit - TMS320C6713

## Software Tools:

- Matlab R2018b - 30 Users
- CC Studio 6.0